



10-1-07

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Confirmation No.: 3648  
: :  
Per MANSSON, et al. : Group Art Unit: 1641  
: :  
Serial No.: 10/517,322 : Examiner: Not Assigned  
: :  
Filed: December 15, 2005 :  
: :  
For: COATED METAL SURFACE ON SOLID SUPPORT USEFUL IN  
ANALYTE DETECTION BY DISPLACEMENT

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants note that the Official Filing Receipt, copy enclosed, in the above-identified application contains the following error.

Specifically, the Assignee listed under the Assignment For Published Patent Application section is spelled incorrectly. The correct spelling is **Biosensor Applicentions Sweden AB**, not Biosenor Applications Sweden AB.

Attached are copies of the Assignment, Notice of Recordation of Assignment, and Application Data Sheet (ADS) as filed with the application with the Assignee's information highlighted. The error therefore is believed to be chargeable to the USPTO and no fee is required. However, if any fees are deemed necessary, they may be charged to Deposit Account #02-0200. A duplicate of this request is enclosed.

Accordingly, it is respectfully requested that the USPTO data base for this application be corrected and a CORRECTED Filing Receipt be issued for this application and forwarded to the undersigned as soon as possible.

Respectfully submitted,  
BACON & THOMAS, PLLC

By: Richard E. Fichter  
Richard E. Fichter  
Registration No. 26,382

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REF:cjw  
Correction to OFR.wpd  
March 21, 2007



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/517,322	12/15/2005	1641	515	MANS3010/REF	6	11	1

CONFIRMATION NO. 3648

23364  
 BACON & THOMAS, PLLC  
 625 SLATERS LANE  
 FOURTH FLOOR  
 ALEXANDRIA, VA 22314

## FILING RECEIPT



\*OC000000017891646\*

Date Mailed: 01/25/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Per Mansson, Sollentuna, SWEDEN;  
 Ann-Sofie Johansson, Vasteras, SWEDEN;  
 Bjorn Sanden, Stockholm, SWEDEN;  
 Shahin Loniakan, Kista, SWEDEN;

## Assignment For Published Patent Application

BIOSENOR APPLICATIONS SWEDEN AB, Sundbyberg, SWEDEN

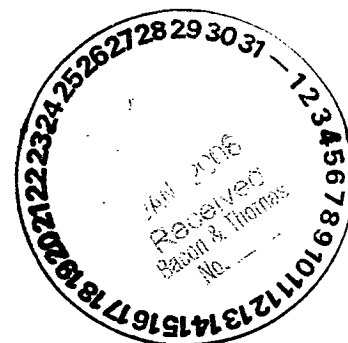
Power of Attorney: The patent practitioners associated with Customer Number 23364.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/SE03/01036 06/18/2003  
 which claims benefit of 60/389,496 06/19/2002

## Foreign Applications

SWEDEN 0201875-2 06/19/2002



Projected Publication Date: 05/04/2006

Non-Publication Request: No

Early Publication Request: No

**\*\* SMALL ENTITY \*\*****Title**

Coated metal surface on solid support useful in analyte detection by displacement

**Preliminary Class**

436

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 02, 2005

PTAS



\*102957343A\*

RICHARD E. FICHTER  
BACON & THOMAS, PLLC  
625 SLATER LANE FOURTH FLOOR  
ALEXANDRIA, VA 22314

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT



THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/08/2005

REEL/FRAME: 016340/0111  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MANSSON, PER

DOC DATE: 01/29/2005

ASSIGNOR:

JOHANSSON, ANN-SOFIE

DOC DATE: 12/17/2004

ASSIGNOR:

SANDEN, BJORN

DOC DATE: 01/24/2005

ASSIGNOR:

LONIAKAN, SHAHIN

DOC DATE: 01/24/2005

ASSIGNEE:

BIOSENSOR APPLICATIONS SWEDEN AB  
URSVIKSVAGEN 131 A  
SE-174 46 SUNDBYBERG, SWEDEN

016340/0111 PAGE 2

SERIAL NUMBER: 10517322

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: COATED METAL SURFACE ON SOLID SUPPORT USEFUL IN ANALYTE DETECTION  
BY DISPLACEMENT

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

3/8/5



03-11-2005

B/O FORM PTO-1595 (Rev. 4/00)

REC

U.S. Department of Commerce  
Patent and Trademark Office

102957343

To the Commissioner for Patents. Please record the attached original documents or copies thereof.

## 1. Name of Conveying Party(ies):

Per MANSSON  
Ann-Sofie JOHANSSON  
Bjorn SANDEN  
Shahin LONIAKAN☐ Additional names of conveying parties attached.

## 3. Nature of Conveyance:

- ☒ Assignment      ☐ Merger  
☐ Security Agreement      ☐ Change of Name  
☐ Other:

Execution Date: 12/17/04; 01/24/05; 01/29/05

## 2. Name and Address of Receiving Party(ies):

Name: **BIOSENSOR APPLICATIONS  
SWEDEN AB**

Internal Address:

Street Address: **Ursviksvagen 131 A**City, State, Zip: **SE-174 46 Sundbyberg, Sweden**☐ Additional name(s) and address(es) attached.

## 4. (A) Patent Application Number(s):

10/517,322 - National Entry of PCT/SE03/01036

Title: Coated Metal Surface on Solid Support Useful in  
Analyte Detection by Displacement

Atty Dkt: MANS3010/REF

If this document is being filed together with a new  
application, the execution date of the application is:

## 4. (B) Patent Number(s):

☐ Additional Numbers Attached

## 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: **Richard E. Fichter**  
**Registration Number 26,382**  
Address: **Bacon & Thomas, PLLC**  
**625 Slaters Lane Fourth Floor**  
**Alexandria, VA 22314**Total Number of Applications and  
Patents Involved:

1

7. Total Fee:  
(37 CFR 3.41)**\$40.00**☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit Account Number: **02-0200**

ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT

DO NOT USE THIS SPACE

## 9. Statement and Signature:

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is  
a true copy of the original document.*

Richard E. Fichter

*Richard E. Fichter*

March 8, 2005

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 4

03/10/2005 DBYRME 00000068 10517322

01 FC:8021

40.00 OP

## ASSIGNMENT

WHEREAS, I, Per MÅNSSON, Ann-Sofie JOHANSSON, Björn SANDÉN and Shahin LONIAKAN, whose post office addresses appear below, hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in **COATED METAL SURFACE ON SOLID SUPPORT USEFUL IN ANALYTE DETECTION BY DISPLACEMENT**, (hereinafter referred to as the INVENTION) for which an application (PCT/SE03/01036) for United States Letters Patent was executed on even date herewith.

WHEREAS, **BIOSENSOR APPLICATIONS SWEDEN AB**, whose post office address is **Ursviksvägen 131 A, SE-174 46 SUNDBYBERG, SWEDEN**, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

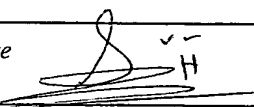

ASSIGNOR authorizes any member of the firm of *Bacon & Thomas* to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.



Assignor Name Per MÅNSSON	Address Solängsvägen 76 SE-192 54 Sollentuna, Sweden
Where Signed <i>Sundbyberg</i>	
Date <i>2005-01-24</i>	Signature <i>[Signature]</i>
Witness (optional)  _____ Print/Type Name  _____ Signature	Witness (optional)  _____ Print/Type Name  _____ Signature

Assignor Name Ann-Sofie JOHANSSON	Address Lavendelvägen 69 SE-722 45 Västerås, Sweden
Where Signed <i>Västerås</i>	
Date <i>2004-12-17</i>	Signature <i>Ann-Sofie Johansson</i>
Witness (optional)  _____ Print/Type Name  _____ Signature	Witness (optional)  _____ Print/Type Name  _____ Signature

Assignor Name Björn SANDÉN	Address Sickla Kanalgata 45 SE-120 67 Stockholm, Sweden
Where Signed <i>Sundbyberg</i>	
Date <i>2005-01-24</i>	Signature <i>[Signature]</i>
Witness (optional)  _____ Print/Type Name  _____ Signature	Witness (optional)  _____ Print/Type Name  _____ Signature

<i>Assignor Name</i> Shahin LONIAKAN	<i>Address</i> Själlandsgatan 28 SE-165 45 Kista, Sweden
<i>Where Signed</i> Sundbyberg	<i>Signature</i> 
<i>Date</i> 20050124	<i>Signature</i> 
<i>Witness (optional)</i>  _____ Print/Type Name  _____ Signature	<i>Witness (optional)</i>  _____ Print/Type Name  _____ Signature



Application Data Sheet  
Application Information

Application type:: National Stage  
Subject matter:: Utility  
CD-ROM or CD-R:: None  
Number of CD disks:: 0  
Number of copies of CDs:: 0  
Sequence submission?:: No  
Computer readable form (CRF)?:: No  
Number of copies of CRF:: 0  
Title:: COATED METAL SURFACE ON  
SOLID SUPPORT USEFUL IN  
ANALYTE DETECTION BY  
DISPLACEMENT  
Attorney docket number:: MANS3010/REF  
Request for early publication?:: No  
Request for non-publication?:: No  
Suggested drawing figure::  
Total drawing sheets:: 6  
Small entity?:: Yes

Applicant Information

Applicant authority type:: Inventor  
Primary citizenship country:: Sweden  
Status: Full capacity  
Given name:: Per  
Middle name::  
Family name:: MÅNSSON  
Name suffix::  
City of Residence:: Sollentuna  
State or province of residence::

Country of residence:: Sweden  
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State or province of mailing address::  
Country of mailing address:: Sweden  
Postal or zip code of mailing address:: SE-192 54

Applicant Information

Applicant authority type:: Inventor  
Primary citizenship country:: Sweden  
Status: Full capacity  
Given name:: Ann-Sofie  
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State or province of residence::  
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Applicant Information

Applicant authority type:: Inventor  
Primary citizenship country:: Sweden  
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Country of residence:: Sweden  
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#### Applicant Information

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Representative Information

Representative customer number:: 23364

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This application	National stage of	PCT/SE03/01036	18/06/03
claims benefit of	Provisional	60/389,496	19/06/02

Foreign Priority Information

Country::	Application number::	Filing Date::	Priority claimed::
Sweden	0201875-2	19/06/02	Yes

Assignee Information

Assignee name:: BIOSENSOR APPLICATIONS SWEDEN AB  
 Street of mailing address:: Ursviksvägen 131 A  
 City of mailing address:: Sundbyberg  
 State or province of mailing address::  
 Country of mailing address:: Sweden  
 Postal or zip code of mailing address:: SE-174 46